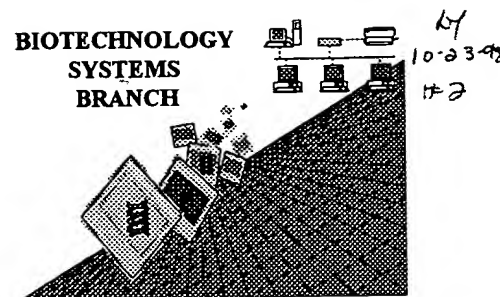


RAW SEQUENCE LISTING **ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/124,280

Art Unit / Team No. : 0186

Date Processed by STIC: 8/4/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280DATE: 08/04/98
TIME: 12:55:42

INPUT SET: S27842.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

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SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: Porro, Massimo

(ii) TITLE OF INVENTION: VACCINES FOR PREVENTION OF GRAM-
NEGATIVE BACTERIAL INFECTIONS AND ENDOTOXIN RELATED DISEASES

(iii) NUMBER OF SEQUENCES: 45

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: Hedman, Gibson & Costigan
(B) STREET: 1185 Avenue of the Americas
(C) CITY: New York
(D) STATE: New York
(E) COUNTRY: USA
(F) ZIP: 10036

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
(B) COMPUTER: IBM PS/2
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: Word Perfect 5.1

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE: July 29, 1998
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER:
(B) FILING DATE:

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Costigan, James V.
(B) REGISTRATION NUMBER: 25,669
(C) REFERENCE/DOCKET NUMBER: 576-008

(ix) TELECOMMUNICATION INFORMATION:

Does Not Comply
Corrected Diskette Needed

INPUT SET: S27842.raw

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49(A) TELEPHONE: (212) 302-8989
(B) TELEFAX: (212) 302-8998

ERRORED SEQUENCES FOLLOW:

230 (2) INFORMATION FOR SEQ ID NO:8:

231

232 (i) SEQUENCE CHARACTERISTICS:

233

--> 234 (A) LENGTH: 7 amino acids 10 shown

235 (B) TYPE: amino acid

236 → (D) (C) TOPOLOGY: circular

237

238 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:8:

239

240 Lys Phe Leu Lys Phe Leu Lys Phe Leu Lys

241 1 5 10

242

243 (2) INFORMATION FOR SEQ ID NO:9:

244

245 (i) SEQUENCE CHARACTERISTICS:

246

--> 247 (A) LENGTH: 6 amino acids 9 shown

248 (B) TYPE: amino acid

249 (D) (C) TOPOLOGY: circular

250

251 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:9:

252

253 Arg Tyr Val Arg Tyr Val Arg Tyr Val

254 1 5

255

256 (2) INFORMATION FOR SEQ ID NO:10:

257

258 (i) SEQUENCE CHARACTERISTICS:

259

--> 260 (A) LENGTH: 7 amino acids 10 shown

261 (B) TYPE: amino acid

262 → (D) (C) TOPOLOGY: circular

263

264 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:10:

265

266 Lys Phe Phe Lys Phe Phe Lys Phe Phe Lys

267 1 5 10

268

269 (2) INFORMATION FOR SEQ ID NO:11:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/124,280DATE: 08/04/98
TIME: 12:55:44

INPUT SET: S27842.raw

270
271 (i) SEQUENCE CHARACTERISTICS:
272
--> 273 (A) LENGTH: 11 amino acids 9 shown
274 (B) TYPE: amino acid
275 -) (D) ~~(E)~~ TOPOLOGY: circular
276
277 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:11:
278
279 Lys Leu Leu Lys Leu Leu Lys Leu Leu
280 1 + 5 5
281 fix numbering - DO NOT use TAB codes between amino acid
res. Use space characters.

295 (2) INFORMATION FOR SEQ ID NO:13:
296
297 (i) SEQUENCE CHARACTERISTICS:
298
--> 299 (A) LENGTH: 17 amino acids 11 shown
300 (B) TYPE: amino acid
301 (D) ~~(E)~~ TOPOLOGY: circular
302
303 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:13:
304
305 Cys Lys Cys Lys Cys Lys Cys Lys Cys Lys Cys
306 1 5 10
307

308 (2) INFORMATION FOR SEQ ID NO:14:
309
310 (i) SEQUENCE CHARACTERISTICS:
311
--> 312 (A) LENGTH: 16 amino acids 6 shown
313 (B) TYPE: amino acid
314 (D) ~~(E)~~ TOPOLOGY: circular
315
316 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:14:
317
318 Cys Lys Phe Lys Lys Cys
319 1 5
320

385 (2) INFORMATION FOR SEQ ID NO:20:
386
387 (i) SEQUENCE CHARACTERISTICS:
388
--> 389 (A) LENGTH: 9 amino acids 12 shown
390 (B) TYPE: amino acid
391 (D) ~~(E)~~ TOPOLOGY: circular
392
393 (ii) SEQUENCE DESCRIPTION: SEQ ID NO:20:
394
395 Cys Lys Phe Leu Lys Phe Leu Lys Phe Leu Lys Cys
396 1 5 10

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/124,280DATE: 08/04/98
TIME: 12:55:46**INPUT SET: S27842.raw**

Line	Error	Original Text
234	Entered (7) and Calc. Seq. Length (10) differ	(A) LENGTH: 7 amino acids
247	Entered (6) and Calc. Seq. Length (9) differ	(A) LENGTH: 6 amino acids
260	Entered (7) and Calc. Seq. Length (10) differ	(A) LENGTH: 7 amino acids
273	Entered (11) and Calc. Seq. Length (9) differ	(A) LENGTH: 11 amino acids
299	Entered (17) and Calc. Seq. Length (11) differ	(A) LENGTH: 17 amino acids
312	Entered (16) and Calc. Seq. Length (6) differ	(A) LENGTH: 16 amino acids
389	Entered (9) and Calc. Seq. Length (12) differ	(A) LENGTH: 9 amino acids